REMARKS

This preliminary amendment presents formal drawings to replace the informal drawing sheets that accompanied the original application as filed. No modification to the substance of the Drawing, other than to present it in formal fashion, has been made or is intended.
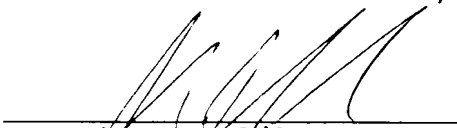
It is respectfully requested that preliminary to examining the application the formal drawing be entered into this application.

A separate copy of the formal drawing has been mailed on even date herewith to the Official Draftsman.

No additional fee is due for the filing of this Preliminary Amendment.

Examination and allowance of the above identified application at an early date is respectfully requested.

RESPECTFULLY SUBMITTED,

Joseph J. Kaliko
Registration No. 27,995
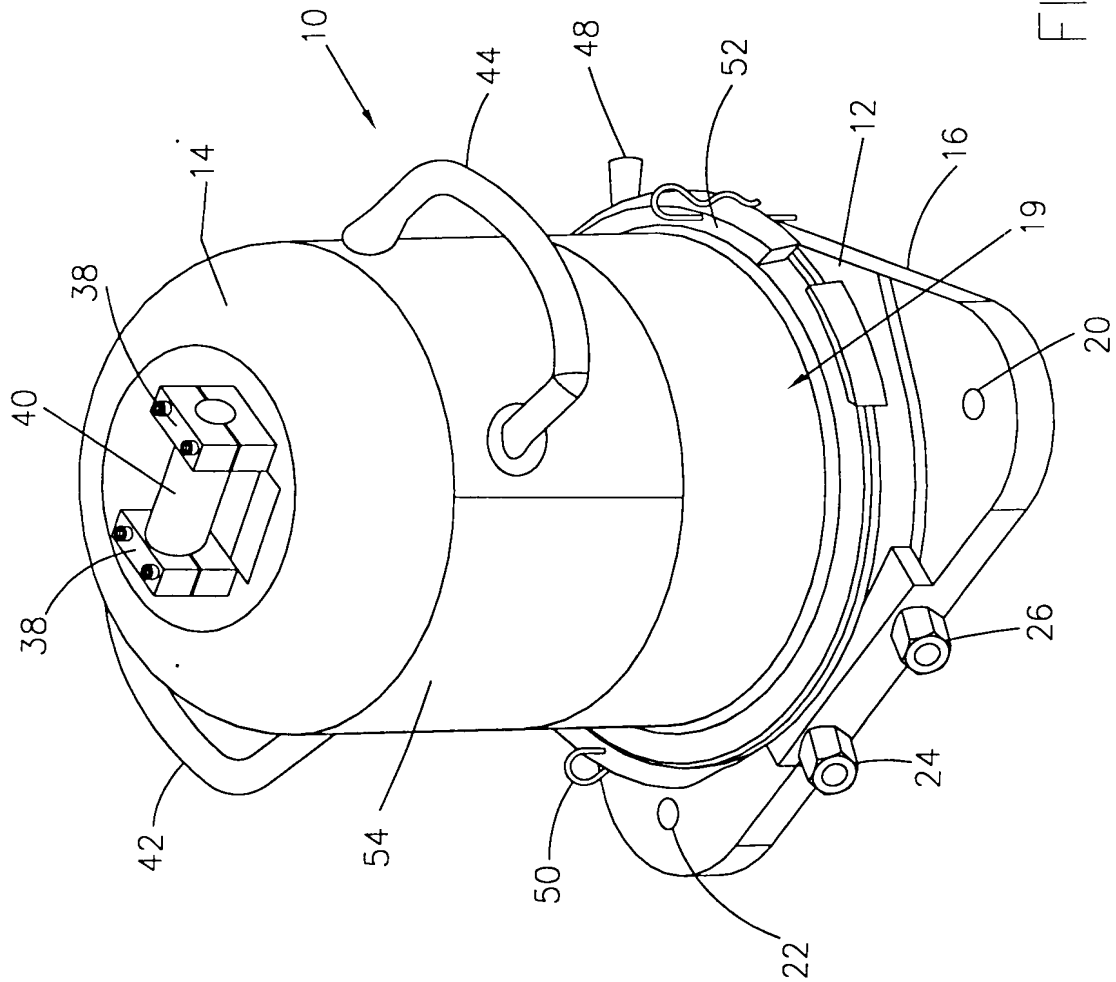73 Rogers Road
Stamford, Connecticut 06902
(203) 359-4370
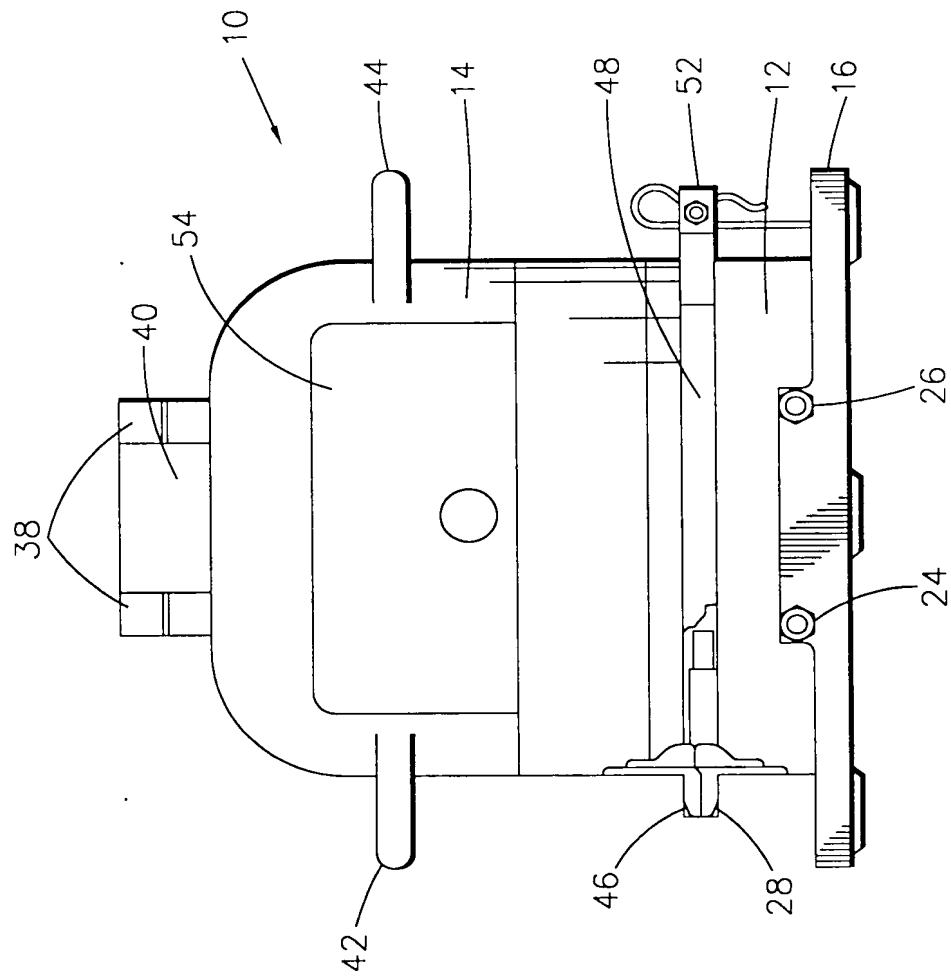
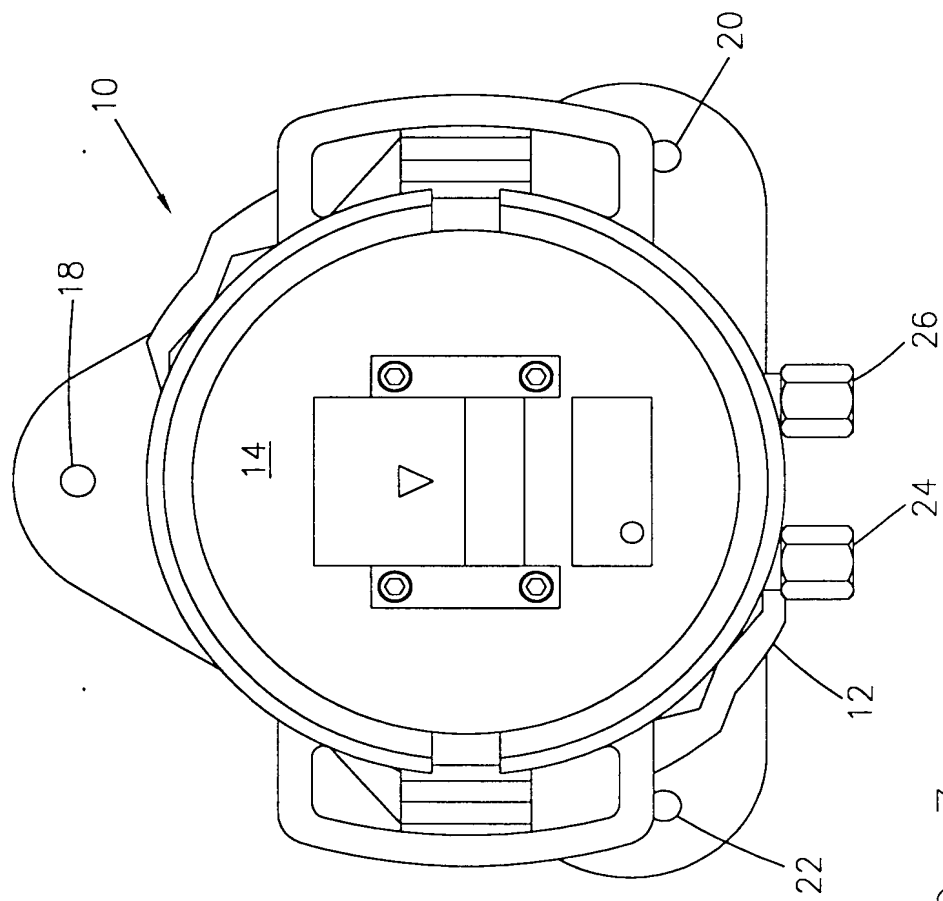Date: October 18, 2001
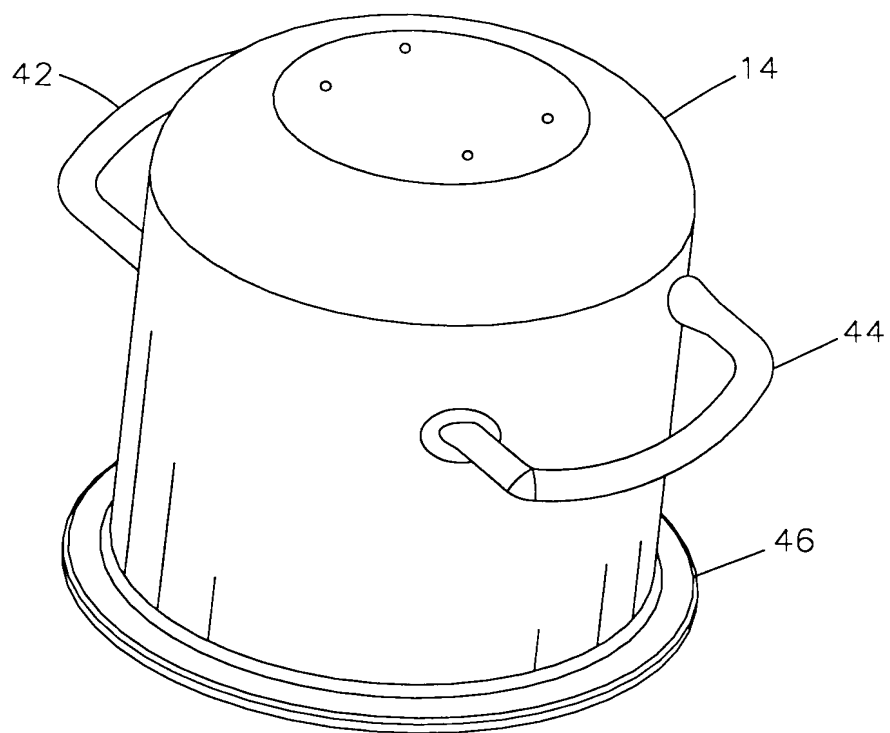L3-007

Exhibit 1

FIG. 1

FIG. 2

FIG. 3

FIG. 4

12

72

70

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68

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FIG. 5

7

42

14

46

7

FIG. 6

14

42

44

56

58
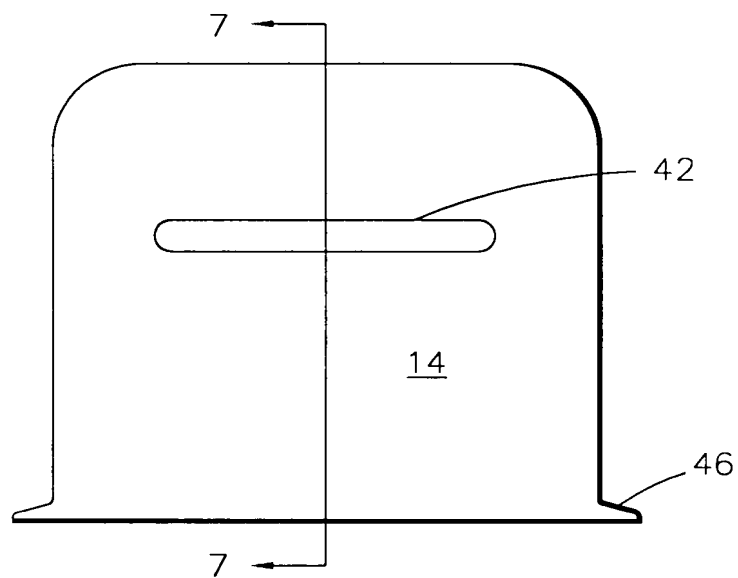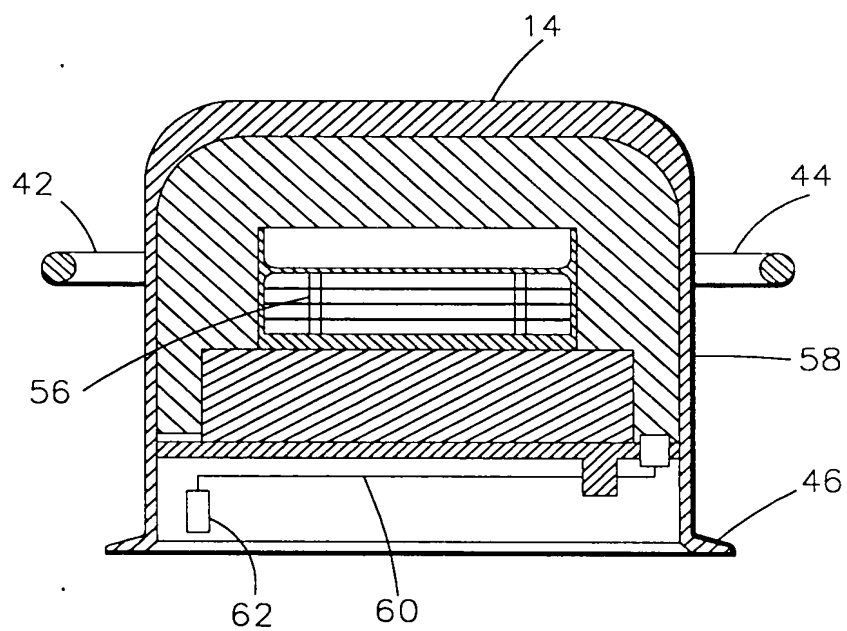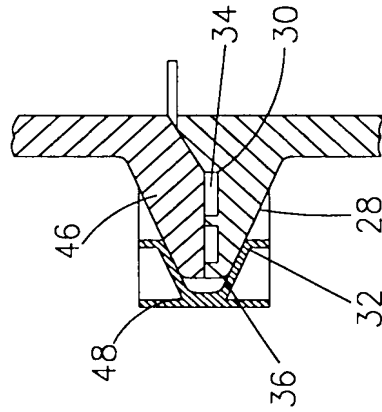
46

62   60
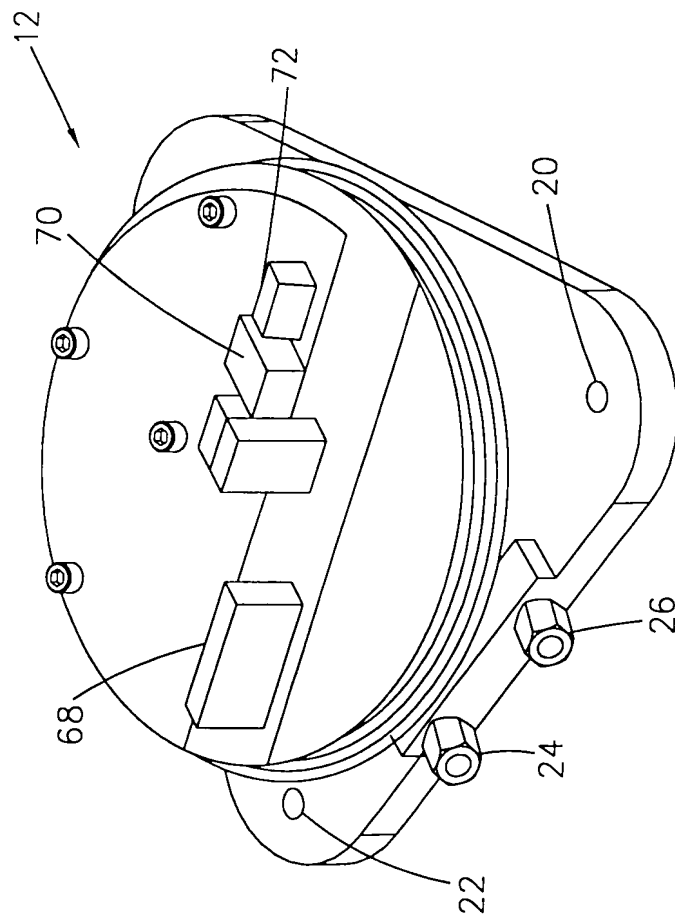
FIG. 7

FIG. 8
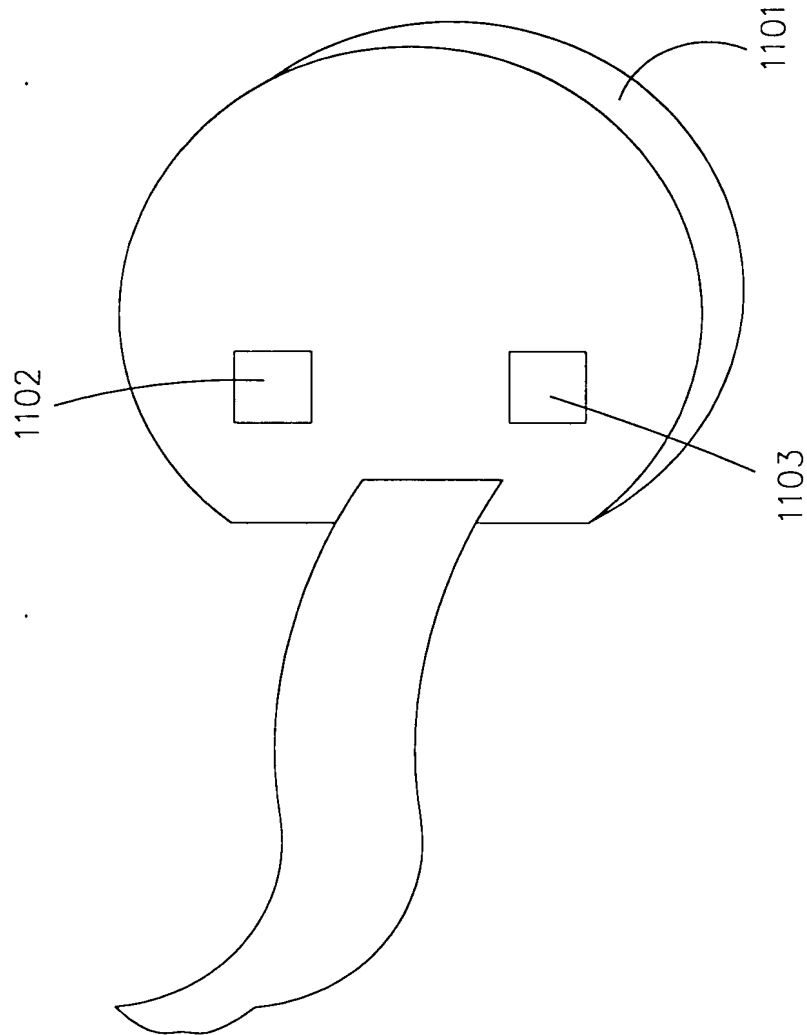
FIG. 11A

FIG. 9

FIG. 10
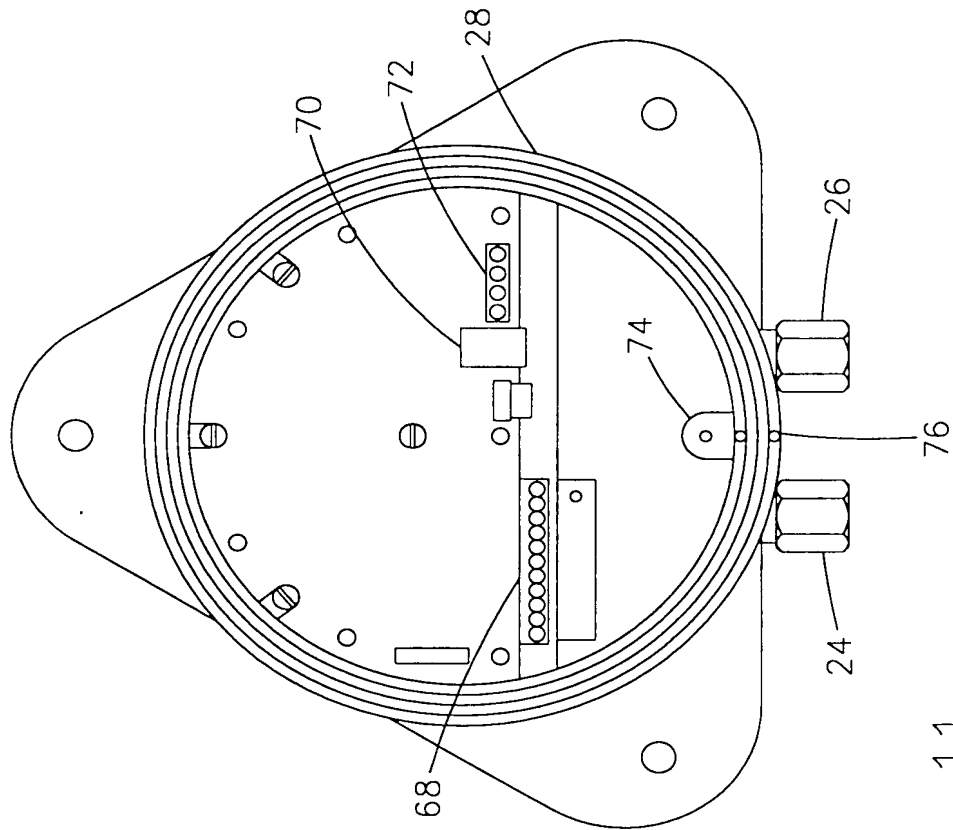
FIG. 11

HVR WEB INTERFACE

HOME

NETWORK SETUP

FLASH SETUP

SYS MAINTENANCE

SYS INFORMATION

SET PASSWORD

HVR INTERFACE

THE HVR SOLID STATE RECORDER UTILIZES PROVEN AIRCRAFT TECHNOLOGY TO PROVIDE STORAGE CAPACITY EXCEEDING 12 HOURS OF RADAR, SENSOR, AND AUDIO DATA. THE FINAL RECORDING MEDIUM IS STORED IN A PROTECTIVE CAPSULE WITHIN THE HVR THAT IS FITTED WITH AN UNDERWATER LOCATOR BEACON (ULB) TO AID IN LOCATING THE RECORDER IN THE EVENT OF A CATASTROPHIC INCIDENT. THE HVR WILL BE LOCATED IN THE VICINITY OF THE BRIDGE ON THE EXTERNAL DECK AREA OF A VESSEL SO AS TO MAXIMIZE THE PROBABILITY OF ITS SURVIVAL AND RECOVERY FOLLOWING AN INCIDENT.

THE HVR IS DESIGNED TO MEET OR EXCEED THE FOLLOWING IEC TEST SPECIFICATIONS:

F   SHOCK – 11 MILLISECOND DURATION OF 50g
F   PENETRATION – 3m, 250 kg DROP TEST
F   FIRE – 1100 C FOR 1 HOUR / 260 C FOR 10 HOURS
F   DEEP SEA IMMERSION – 30 DAYS AT 6.000m OF
        DEPTH

FIG. 12

LOGIN SCREEN

ADMINISTRATOR ACCESS

ENTER
PASSWORD:

SUBMIT

HOME

NETWORK SETUP

FLASH SETUP

SYS MAINTENANCE

SYS INFORMATION

SET PASSWORD

HVR INTERFACE

FIG. 13

NETWORK SETUP

PARAMETER	CURRENT VALUE	NEW VALUE
HVR IP ADDRESS	192.168.0.2	
HVR SUBNET MASK	255.255.255.0	
DEFAULT GATEWAY IP	192.168.0.1	
SESSION TIME-OUT (SECONDS)	300 SECONDS	

SUBMIT

HOME

NETWORK SETUP

FLASH SETUP

SYS MAINTENANCE

SYS INFORMATION

SET PASSWORD

HVR INTERFACE

FIG. 14

HOME

NETWORK SETUP

FLASH SETUP

SYS MAINTENANCE

SYS INFORMATION

SET PASSWORD

HVR INTERFACE

UPDATE DEVICES

HVR MEMORY PARTITION CONFIGURATION

TOTAL DEVICES IN CRASH MODULE	96
NUMBER OF BYTES PER DEVICE	16777216
CURRENTLY UNASSIGNED DEVICES	0

UPDATE DEVICE ALLOCATIONS AND STREAM NAMES

POSITION	DEVICES	STREAM NAME	DEVICES	STREAM NAME
0	16	STEAM_0		
1	16	STEAM_1		
2	16	STEAM_2		
3	16	STEAM_3		
4	16	STEAM_4		
5	16	STEAM_5		
6	16	STEAM_6		
7	16	STEAM_7		
8	16	STEAM_8		
9	16	STEAM_9		

SUBMIT CHANGES

FIG. 15